

Abstract of the Disclosure

5 A continuous pulp digester having an elongate
horizontally aligned pressure vessel through which
the wood chips and digesting fluid flow in a
forward direction. In a first and second
embodiments within the pressure vessel there is an
inner container defining an elongate chamber or
passageway having a square cross sectional
10 configuration. In a third embodiment the
digesting chamber is cylindrical. At locations
along the digester, there are several pair of
liquid flow inlets and liquid flow outlets which
enable filtrate from a pulp washer and a digesting
15 agent to be moved into and across the digesting
chamber to flow out the flow outlets. These are
recirculated in a net upstream flow pattern toward
the outlet end of the digester, and discharged as
black liquor at different locations in the
20 digester.